

ANAND PHARMACY COLLEGE, ANAND

Research Projects Guided by Faculty in PG Courses

2015-2016

M. Pharm (Pharmacology)

Sr.	Name of Students	Title of project	Guide
1.	Parth Gupta	Evaluation of NF- κ B inhibitor-lansoprazole in experimentally induced inflammatory bowel disease in rats	Dr. Tejal Gandhi
2.	Prexitaben Patel	Evaluation of cardioprotective effect of ibuprofen (rho-kinase inhibitor) in rats	Dr. Tejal Gandhi
3.	Divyaben Patel	Validation of derived mathematical model for optimized polyherbal formulation for the treatment of IBD experimental animals	Dr. Tejal Gandhi
4.	Yashvant Panchal	Investigation of foxol inhibitor in streptozotocin induced diabetes mellitus in rats	Dr. Tejal Gandhi

M. Pharm (Pharmaceutics)

Sr.	Name of Students	Title of project	Guide
1.	Bariya Vinod	Preparation of co-processed lubricant blend containing sodium stearyl fumarate and sodium lauryl sulphate and its applications in the development of immediate release tablets	Dr. Mukesh Gohel
2.	Patel Bhargavi	Studies in the efficacy evaluation of sacrificial excipient for arresting the conversion of amorphous to crystalline form of itraconazole on short term storage	Dr. Mukesh Gohel
3.	Raj Arpita	Development and characterization of cisplatin loaded biodegradable polymeric micelles for the inhalational treatment of cancer.	Dr. Mukesh Gohel
4.	Sharma Swati	Quality by design approach in development of osmotic tablet using pre-fabricated semipermeable membrane shells as a substitute of coating process	Mr. Lalji Baldaniya
5.	Chaudhari Ekta	Examination of intricacies involved in the development of sustained release topical film of antifungal drug	Dr. Mukesh Gohel
6.	Mugdhal Kalpana	Systematic scrutinisation of vital factors for preparation and evaluation of pregelatinised	Dr. Mukesh Gohel

		starch and microcrystalline cellulose based drug loaded pellets	
7.	Patel Janki	Investigation of telmisartan and cilostazol solubility and dissolution behaviour using newer solubilizers	Dr.Vaishali Thakkar
8.	Patel Shruti	In Depth Investigation of Formulation variable for Development of in-situ organogel for Parenteral delivery	Dr.Vaishali Thakkar
9.	AnjanaVishwas	Preparation and evaluation of insitu gel of timolol maleate and brinzolamide for the treatment of glaucoma	Dr.Vaishali Thakkar
10.	Patel Vibhuti	Fabrication and evaluation of clinically relevant modified release dosage form of Metformin HCL and Vitamin B ₁₂	Dr.Vaishali Thakkar
11.	Patel Janki	Studies in the development and evaluation of functional oral dosage form containing artemether and lumefantrine in a chocolate base	Dr.Vaishali Thakkar
12.	Patel Mihir	Novel use of emulsion form of binder for improving the quality and performance characteristics of finished dosage form	Dr. Mukesh Gohel
13.	Patel Monika	Exploration of novel product of stearic acid and polyvinyl pyrrolidone for preparation and evaluation of modified release dosage form	Mr. Lalji Baldaniya
14.	Patel Janki	Studies in the intricacies involved in the development of Antimicrobial Foam formulation for the treatment of bacterial vaginosis	Dr.Vaishali Thakkar
15.	Khadela Jaimin	In-depth study for influence of hydrophilic release retarding agent on drug dissolution in bio-relevant medium containing alcohol	Mr. Lalji Baldaniya
16.	Macwan Sweta	Fabrication and study on nanoemulsion as a potential ocular drug delivery using quality by design approach	Dr. Mukesh Gohel
17.	Patel Khushboo	Exploration of research opportunities in the development of immediate release oral film of ondansetron hydrochloride	Dr. Mukesh Gohel
18.	Suthar Maitry	Development and characterization of niosome based gel as a carrier system for enhanced topical delivery	Dr.Vaishali Thakkar

M. Pharm (Quality assurance 1st shift)

Sr.	Name of Students	Title of project	Guide
1.	Darshil Panchal	Analytical method development and validation for simultaneous estimation of naproxen and esomeprazole magnesium in pharmaceutical formulation	Dr. Kalpana Patel

2.	Patel Meetkumar	Prospective process validation of levothyroxine sodium tablet dosage form using QRM principle	Mr. Hitesh Raval
3.	Shah Jainamkumar	Performance qualification and validation of manufacturing equipment for pharmaceutical formulation	Dr. Purvi Shah
4.	Apeksha Patel	Formulation development and simultaneous estimation of aspirin and simvastatin in newer combined dosage form	Dr. Kalpana Patel
5.	Baria Bhavikkumar	Simultaneous estimation of telmisartan and captopril in newer site specific oral dosage form and its pharmacokinetic study	Dr. Purvi Shah
6.	Vyas Bhavik	Cleaning validation for pharmaceutical residues in manufacturing area using risk based approach	Dr. Kalpana Patel
7.	Desai Hinal	Formulation, development and validation of bioanalytical method for simultaneous estimation of aceclofenac and diacerein in rat plasma	Mr. Hitesh Raval
8.	Limbachiya Mayuri	Development and validation of HPLC method for estimation of flavonoids and isoflavonoids from <i>Dalbergia sissoo roxb.</i> And its herbal formulation	Dr. Purvi Shah
9.	Patel Priyanka	Evaluation of newly fabricated ocular formulation of brinzolamide and timolol maleate in rabbit tear fluid by RPLC bioanalytical method	Dr. Purvi Shah
10.	Patel Ruchi	Analytical method development and validation for simultaneous estimation of aspirin, simvastatin, lisinopril and hydrochlorothiazide in different polypills	Mr. Hitesh Raval
11.	Priya Singh	Development and validation of analytical methods for simultaneous estimation of enrofloxacin and bromhexine hydrochloride in marketed formulation	Dr. Purvi Shah
12.	Vohra Tanvi	Phytochemical evaluation and in-vitro study of alpha amylase inhibitory activity of antidiabetic herbal plants	Dr. Kalpana Patel

M. Pharm (Quality Assurance 2nd shift)

Sr.	Name of Students	Title of project	Guide
1.	Bhatt Ravi	Risk based approach for qualification and validation of pharmaceutical water system for beta lactam plant	Dr. Purvi Shah

2.	Dave Zalak	Formulation optimization and simultaneous estimation of candesartan cilexetil and metformin hydrochloride in newer fixed dosage form	Dr. Kalpana Patel
3.	Pandya Dhritiben	Stability indicating HPTLC method for simultaneous determination of dapagliflozin and metformin hydrochloride in tablet dosage form	Mr. Hitesh Raval
4.	Rana Himaniben	Simultaneous determination of hydrochlorothiazide and lisinopril in newly fabricated and marketed formulations	Dr. Kalpana Patel

